

IN THE CLAIMS

Please AMEND claims 1-15 and 18, as follows.

1. (Currently Amended) A method for managing access to a scrambled event of a service provider, said method comprising:

receiving in a device an electronic list of events available from one or more sources, at least one each event having a digitally-signed digital signature and an encrypted message associated therewith,~~said encrypted message comprising a descrambling key and event information including at least one of a channel identity, date and time stamp, event identity and payment amount corresponding to said associated event;~~

receiving in the said device, in response to user selection of one of the events from the list of events said event, the digital signature and the encrypted message associated with the selected event, the digital signature being encrypted with a first key and the encrypted message being encrypted with a second key different from the first key,~~the said digitally-signed encrypted message comprising a descrambling key and event information including at least one of a channel identity, date and time stamp, event identity and payment amount corresponding to~~ the selected said associated event;

authenticating in the said device[[,]] a source of the digitally-signed digital signature and the encrypted message associated with the selected event by decrypting the digital signature in response to receiving said digitally-signed the digital signature and the encrypted message;

decrypting in the said device[[,]] ~~said digitally-signed~~ the encrypted message to obtain the said descrambling key upon the said authenticating;

receiving in the said device[[,]] the said selected event from the service provider, the said selected event being scrambled using the said descrambling key for preventing unauthorized access to the said selected event; and

descrambling in the said device[[,]] the said selected event using the said descrambling key.

2. (Currently Amended) The method of Claim 1 wherein the device comprises a smart card and the steps of decrypting the said message, receiving the said selected event, and descrambling the said selected event are performed in the said smart card, and
wherein the second key is said message being encrypted using a first public key associated with the said smart card and the said step of decrypting uses a first private key associated with and stored in the said smart card.

3. (Currently Amended) The method of Claim 2 wherein the said message further comprises event information, the said event information being decrypted using the said private key.

4. (Currently Amended) The method of Claim 3 further comprising the step of storing the said event information, wherein the said step of storing the said event information is performed in the said smart card.

5. (Currently Amended) The method of Claim 4 wherein the said smart card has a card body having a plurality of terminals arranged on a surface of the said card body in accordance with one of ISO 7816 and PCMCIA card standards.

6. (Currently Amended) The method of Claim 5 further comprising authenticating the said list of events to verify the origin of the said message.

7. (Currently Amended) The method of Claim 6 wherein the first key is each message further ~~comprises a digital signature created using a second private key and the~~ step of authenticating comprises decrypting the said digital signature using a second public key that is stored in the said device.

8. (Currently Amended) The method of Claim 4 wherein the said event information comprises channel identification data, event identity data, date and time stamp data, and billing data.

9. (Currently Amended) The method of Claim 3 further comprising the step of storing the said event information, wherein the said step of storing the said event information is performed in the said device.

10. (Currently Amended) The method of Claim 7 wherein the said digital signature, the said second public key and the said second private key are issued by an independent certificate authority and are associated with the said list provider.

11. (Currently Amended) The method of Claim 10 wherein the said device is a digital television.

12. (Currently Amended) The method of Claim 10 wherein the said device is a set-top box.

13. (Currently Amended) The method of Claim 4 wherein the said event information is used within the said device to update a said user's account information.

14. (Currently Amended) The method of Claim 13 wherein the said event information is downloaded to an independent billing center to update the a user's account information.

15. (Currently Amended) A method for managing access between a device having a smart card coupled thereto and a service provider, the said device performing the steps of:

receiving an electronic program guide having a plurality of events from a guide provider, the said guide having a message and a digital signature associated with each event in the said guide, the said message being encrypted using a public key of the smart card and the said digital signature being created using a private key of the said guide provider;

selecting an event from the said guide;

receiving the said encrypted message and the said digital signature corresponding to the selected event;

authenticating the said guide provider by decrypting the said digital signature using a public key of the said guide provider, the said guide provider public key being stored in the said device;

passing the said message to the said smart card;

decrypting, in the said smart card, the said message using a private key of the said smart card to obtain event information and a symmetric key, the said smart card private key being stored within the said smart card;

storing the said event information in the said smart card and updating account information based on the said event information;

receiving from the service provider the said selected event, the said selected event being scrambled using the said symmetric key; and

descrambling, in the said smart card, the said selected event using the said symmetric key to generate a descrambled event.

16. (Original) The method of Claim 15 wherein the device is a set-top box.
17. (Original) The method of Claim 15 wherein the device is a digital television.
18. (Currently Amended) A method for managing access between a device having a smart card coupled thereto and a service provider, the said device performing the steps of:
- receiving an electronic program guide having a plurality of events from a guide provider, the said guide having a digital certificate and a separate message corresponding to each event in the said guide, each of said digital certificates being encrypted using a first private key of the said guide, the said separate message being encrypted using a public key of the smart card and having an associated digital signature created using a second private key of the said guide;
 - selecting an event from the said guide;
 - receiving the said digital certificate, the said message and the said digital signature corresponding to the selected event;
 - authenticating the said guide provider by decrypting the said digital certificate using a first public key of the said guide to obtain a second public key of the said guide, and decrypting the said digital signature using the said second guide public key, said first guide public key being stored in the device;
 - passing the said message to the said smart card;
 - decrypting, in the said smart card, the said message using a private key of the smart card to obtain event information and a symmetric key, the said smart card private key being stored within the smart card;

storing the said event information in the smart card and updating account information based on the said event information;

receiving from the service provider the said selected event, the said selected event being scrambled using the said symmetric key; and

descrambling, in the said smart card, the said selected event using the said symmetric key to generate a descrambled event.

19. (Original) The method of Claim 18 wherein the device is a set-top box.

20. (Original) The method of Claim 18 wherein the device is a digital television.